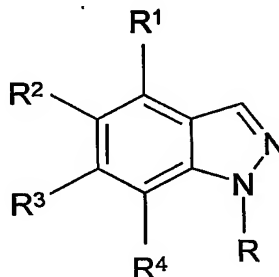


WHAT IS CLAIMED IS:

1. A method of making a 1-alkylindazole comprising:
 - (a) the nitrosation and reduction-cyclization of a 2-alkylaminobenzonitrile to form a 1-alkyl-3-aminoindazole; and (b)
 - (b) deamination of the 1-alkyl-3-aminoindazole to form a 1-alkylindazole.
2. The method of Claim 1, wherein the 1-alkylindazole is a 1-(hydroxyalkyl)indazole.
3. The method of Claim 2 wherein the (hydroxyalkyl)indazole has the formula:

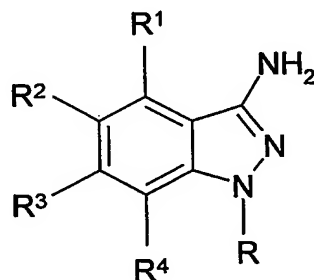


- wherein R is a C₂ to C₁₂ (hydroxy)alkyl group optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, or with one or more F atoms; R¹, R², R³ and R⁴ are independently H, F, Cl, Br, CF₃, OH, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, NO₂, CN, N₃, SH, S(O)_nR⁵, C(=O)R⁵, COOH, COOR⁵, CON(R⁵)₂, C₁ to C₆ alkyl optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, C(=O)R⁵, COOH, COOR⁵, CON(R⁵)₂, CN, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, or N(R⁵)C(=O)OR⁵; or R¹ and R² as herein defined taken together form a ring, or R² and R³ as herein defined taken together form a ring, or R³ and R⁴ as herein defined taken together form a ring;
- R⁵ is C₁ to C₆ alkyl optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, methoxy, ethoxy, benzyloxy, or with one or more F atoms, or R⁵ is phenyl, methoxyphenyl, or (dimethylamino)phenyl; and

$n = 0, 1, \text{ or } 2.$

4. The method of claim 3, wherein R is a C₂ to C₆ (hydroxy)alkyl optionally substituted with phenyl, OR⁵, N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, or with one or more F atoms;
 5 R¹, R², R³ and R⁴ are independently H, F, Cl, CF₃, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, NO₂, CN, C(=O)R⁵, COOR⁵, CON(R⁵)₂, C₁ to C₆ alkyl optionally substituted with phenyl, C(=O)R⁵, COOR⁵, CON(R⁵)₂, CN, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, or N(R⁵)C(=O)OR⁵; or R¹ and R² as
 10 herein defined taken together form a ring, or R² and R³ as herein defined taken together form a ring, or R³ and R⁴ as herein defined taken together form a ring;
 R⁵ is C₁ to C₆ alkyl optionally substituted with phenyl, methoxyphenyl, methoxy, benzyloxy, or with one or more F atoms.

15 5. A 1-alkyl-3-amino indazole having the formula



wherein R is a C₂ to C₁₂ (hydroxy)alkyl group optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂,
 20 N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, or with one or more F atoms;
 R¹, R², R³ and R⁴ are independently H, F, Cl, Br, CF₃, OH, OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, N(R⁵)C(=O)OR⁵, NO₂, CN, N₃, SH, S(O)_nR⁵, C(=O)R⁵, COOH, COOR⁵, CON(R⁵)₂, C₁ to C₆ alkyl optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, C(=O)R⁵, COOH, COOR⁵, CON(R⁵)₂, CN,
 25 OR⁵, OC(=O)R⁵, OC(=O)OR⁵, N(R⁵)₂, N(R⁵)C(=O)R⁵, or N(R⁵)C(=O)OR⁵; or R¹ and R² as herein defined taken together form a ring, or R² and R³ as herein defined taken together form a ring, or R³ and R⁴ as herein defined taken together form a ring;

R^5 is C_1 to C_6 alkyl optionally substituted with phenyl, methoxyphenyl, (dimethylamino)phenyl, methoxy, ethoxy, benzyloxy, or with one or more F atoms, or R^5 is phenyl, methoxyphenyl, or (dimethylamino)phenyl; and
 $n = 0, 1, \text{ or } 2$.

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6. The compound of claim 5, wherein

R is a C_2 to C_6 (hydroxy)alkyl group optionally substituted with phenyl, OR^5 , $N(R^5)C(=O)R^5$, $N(R^5)C(=O)OR^5$, or with one or more F atoms;

R^1 , R^2 , R^3 and R^4 are independently H, F, Cl, CF_3 , OR^5 , $OC(=O)R^5$, $OC(=O)OR^5$,
10 $N(R^5)_2$, $N(R^5)C(=O)R^5$, $N(R^5)C(=O)OR^5$, NO_2 , CN, $C(=O)R^5$, $COOR^5$, $CON(R^5)_2$, C_1 to C_6 alkyl optionally substituted with phenyl, $C(=O)R^5$, $COOR^5$, $CON(R^5)_2$, CN, OR^5 , $OC(=O)R^5$, $OC(=O)OR^5$, $N(R^5)_2$, $N(R^5)C(=O)R^5$, or $N(R^5)C(=O)OR^5$; or R^1 and R^2 as herein defined taken together form a ring, or R^2 and R^3 as herein defined taken together form a ring, or R^3 and R^4 as herein defined taken together form a ring; and

15 R^5 is C_1 to C_6 alkyl optionally substituted with phenyl, methoxyphenyl, methoxy, benzyloxy, or with one or more F atoms, or R^5 is phenyl or methoxyphenyl.